

AMENDMENTS

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended). A dielectric barrier discharge-driven light source comprising:

a first flat panel and second flat panel dielectric barriers which enclose a gas, said first flat panel substantially coplanar with said second flat panel and having length and width dimensions substantially greater than a distance between said first and second panels ;

a first [and second] electrode coupled to an outside portion of said first flat panel dielectric barrier and a second electrode coupled to said second flat panel dielectric barrier [barriers]; and

one or more stems [coupled to an inside portion of] disposed between said first and second dielectric barriers and coupled to said first and second dielectric barriers via transfer foil technology.

Claim 2 (Canceled).

Claim 3 (Currently Amended). The light source of claim 2 1 where said first and second flat panels ~~shape is circular~~ have a circular shape.

Claim 4 (Original). The light source of claim 1 wherein said stems are comprised of quartz.

Claim 5 (Original). The light source of claim 1 wherein said stems are equidistant.

Claim 6 (Original). The light source of claim 1 wherein said second electrode is a mesh.

Claim 7(Original). The light source of claim 1 wherein said first and second dielectric barriers are comprised of silica.

Claim 8 (Canceled).

Claim 9(Amended). A method for manufacturing a dielectric barrier discharge-driven light source comprising:

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coupling a first and second electrode to a corresponding outside portion of a first and second dielectric barrier;

cont.
coupling one or more stems via a transfer foil technology to a corresponding inside portion of said first and second dielectric barriers;

cleaning a sealed area between said first and second dielectric barriers and fusing said stems to said dielectric barriers via a heating process; and

adding a gas to said sealed area.

Claim 10 (Original). The method of claim 9 wherein said step of cleaning further comprises:

heating said dielectric barrier discharge-driven light source; and

exposing said dielectric barrier discharge-driven light source to a vacuum.

Claim 11(Original). The method of claim 9 wherein said first and second dielectric barriers have a flat-panel shape.

Claim 12(Original). The method of claim 11 where said flat-panel shape is circular.

Claim 13(Original). The method of claim 9 wherein said stems are comprised of quartz.

Claim 14(Original). The method of claim 9 wherein said stems are equidistant.

Claim 15(Original). The method of claim 9 wherein said second electrode is a mesh.

Claim 16(Original). The method of claim 9 wherein said first and second dielectric barriers are comprised of silica.

Claim 17(Canceled).
